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Revision: 2

MILWAUKEE COUNTY EMS PRACTICAL SKILL SUBCUTANEOUS

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Signature:
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ADMINISTRATION OF MEDICATION

To deliver medication to the subc	Purpose:		Indications:		
To deliver medication to the subcutaneous tissue for		Anaphylaxis Severe respiratory distress due to bronchospasm			
absorption by blood vessels					
Advantages:	Disadvantages:		Complications:	Contraindications:	
Delivers medication slowly for	Pain		Infection	Infection at injection	
distribution throughout the body	Only 0.5 ml of medication		Accidental IV injection	site	
Effects sustained over a period of	may be administered subQ		if needle tip is in vein		
time	Cannot give tissue-irritating		ii iioodio ap io iii voiii		
Does not require IV access	medication subQ				
	Ascertain allergy history	of patient	L		
	▼ Tootrain anorgy motory	or pationt			
	Confirm dosage, type and				
	administration of med	ication			
	Prepare medication for adr	ministration			
	★				
	Haine anafillad				
	Using prefilled autoinjector?				
Yes			No	1	
Select appropriate injection si	te	Sel	ect appropriate injection site		
*			*		
Cleanse injection site with alco	nol	Clea	nse injection site with alcohol	I	
Place tip of auto-injector against latera	l aspect of	Tent u	p skin and subcutaneous tissue		
patient's thigh midway between waist			ween thumb and index finger		
*			± 45 de mas emple inte embembe		
Remove safety cap from auto-inj	ector		at 45 degree angle into subcutar pproximately 0.5 inches in adults		
Support thigh with free hand to p	revent		pproximatory old mondo in addition	7	
movement during injection		Stabilize needle and syringe with one hand			
Duran to initiate from the contract of	0 . 0.2 . 1.				
Press auto-injector firmly against patient's thigh until injector activates		Pull back on plunger to be sure needle is not in blood vessel			
•			★		
Hold injector in place until medication is injected		f blood appears in syringe, withdraw and discard syringe			
(approximately 10 seconds)		in appropri	ate receptacle; repeat steps abo	ove	
Withdraw auto-injector and dispose of in		Inject medication slowly			
appropriate receptacle			▼		
Gently massage injection site to di	stributo	Withdraw	needle at same angle of insertion	on	
medication and to speed absorp			*	<u> </u>	
			nassage injection site to distribute cation and to speed absorption	е	
		medic	▼		
			se of contaminated material in	\neg	

NOTES:

- Medication approved for subcutaneous administration: epinephrine 1:1000.
- Hypotension is a usually a contraindication for subcutaneous injections due to the lack of peripheral circulation to pick up medication. Subcutaneous injection of epinephrine 1:1000 for anaphylaxis is an exception.

appropriate receptacle